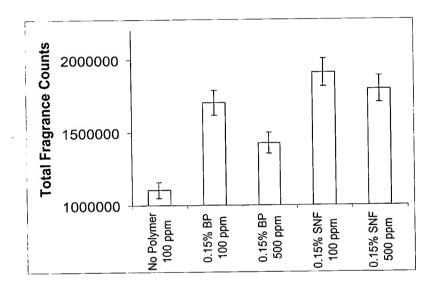


Fig 1



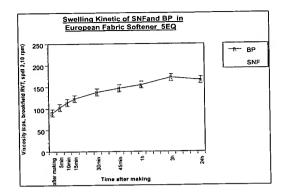


Fig 3

## DSC of BP Polymer

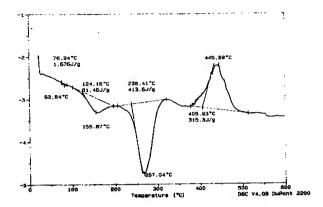
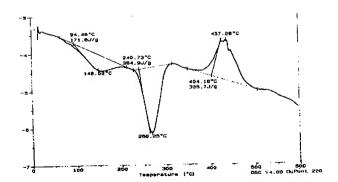


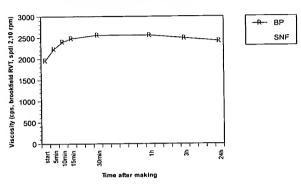
Fig 4

## DSC of SNF Polymer

Fig 5



Swelling Kinetic of a 0.5% BP and SNF dipersion in DI water



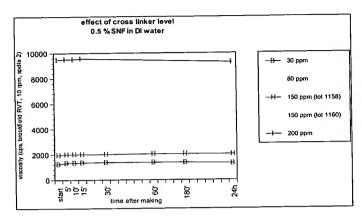


Fig 7

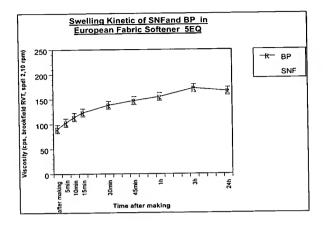


Fig 8

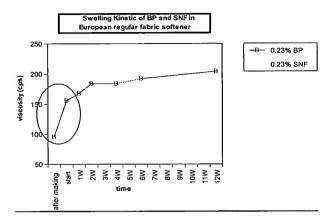


FIG 9a

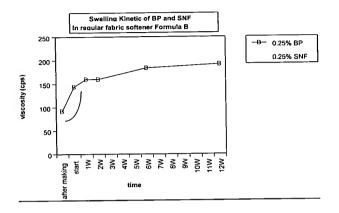


Fig 9b

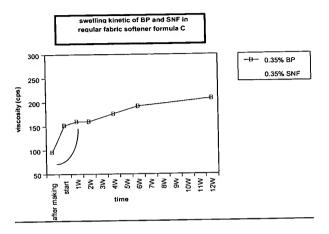


Fig 9c

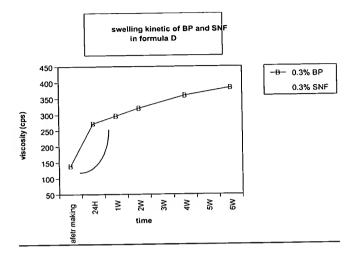


Fig 9d

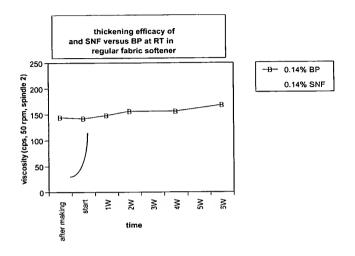
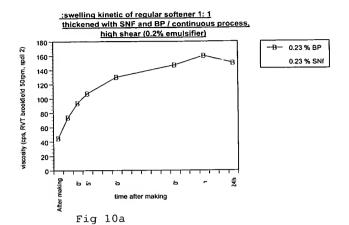
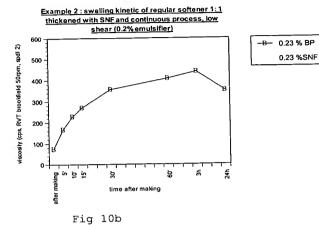


Fig 9e





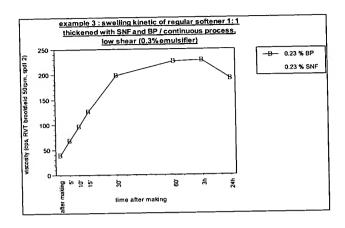


Fig 10c

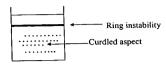


Fig 11